

Appl. No. 09/931,276
Reply to Office Action of April 7, 2005

Docket No. RTN-122PUS

Amendments to the Claims:

This listing of the claims will replace all prior versions, and listings, of the claims in the application:

- 1 1. (Currently Amended) A vehicle radar system comprising:
2 a side object detection radar transceiver including an antenna adapted to provide having a
3 plurality of radar beams; and
4 attachment means coupled to the side object detection radar transceiver for portably
5 attaching the side object detection radar transceiver to a vehicle.
- 1 2. (Previously Presented) The vehicle radar system of claim 1 further comprising:
2 a radar display coupled to the side object detection radar transceiver and portably
3 attached to the vehicle.
- 1 3. (Original) The vehicle radar system of claim 2, wherein the radar display is portably attached
2 to the interior of the vehicle.
- 1 4. (Previously Presented) The vehicle radar system of claim 2, wherein the radar display is
2 portably attached to the exterior of the vehicle so as to be visible to an occupant of the vehicle.
- 1 5. (Previously Presented) The vehicle radar system of claim 2, wherein the side object detection
2 radar transceiver is portably attached to a vehicle window.
- 1 6. (Previously Presented) The vehicle radar system of claim 1, further comprising:
2 a radar display disposed upon the side object detection radar transceiver.
- 1 7. (Previously Presented) The vehicle radar system of claim 1, wherein the side object detection
2 radar transceiver is portably attached to the interior of the vehicle.

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1 8. (Previously Presented) The vehicle radar system of claim 1, wherein the side object detection
2 radar transceiver is portably attached to the exterior of the vehicle.

1 9. (Previously Presented) The vehicle radar system of claim 1, wherein the side object detection
2 radar transceiver is portably mounted to a vehicle window.

1 10. (Previously Presented) The vehicle radar system of claim 6, wherein the side object
2 detection radar transceiver is portably attached to the interior of the vehicle.

1 11. (Previously Presented) The vehicle radar system of claim 6, wherein the side object
2 detection radar transceiver is portably attached to the exterior of the vehicle so as to be visible to
3 an occupant of the vehicle.

1 12. (Previously Presented) The vehicle radar system of claim 6, wherein the side object
2 detection radar transceiver is portably mounted to a vehicle window so as to be visible to an
3 occupant of the vehicle.

1 13. (Previously Presented) The vehicle radar system of claim 2, wherein the radar display is
2 adapted to be mounted so as to be visible to an occupant of the vehicle in a rear view mirror of
3 the vehicle.

1 14. (Previously Presented) The vehicle radar system of claim 6, wherein the radar display is
2 adapted to be mounted so as to be visible to an occupant of the vehicle in a rear view mirror of
3 the vehicle.

1 15. (Previously Presented) The vehicle radar system of claim 1, wherein the side object
2 detection radar transceiver is adapted to detect objects in a predetermined detection zone to the
3 side of a vehicle, and not detect objects outside of the predetermined detection zone.

1 16. (Previously Presented) The vehicle radar system of claim 15, wherein the predetermined
2 detection zone to the side of the vehicle is associated with a vehicle blind spot.

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- 1 8. (Previously Presented) The vehicle radar system of claim 1, wherein the side object detection
2 radar transceiver is portably attached to the exterior of the vehicle.
- 1 9. (Previously Presented) The vehicle radar system of claim 1, wherein the side object detection
2 radar transceiver is portably mounted to a vehicle window.
- 1 10. (Previously Presented) The vehicle radar system of claim 6, wherein the side object
2 detection radar transceiver is portably attached to the interior of the vehicle.
- 1 11. (Previously Presented) The vehicle radar system of claim 6, wherein the side object
2 detection radar transceiver is portably attached to the exterior of the vehicle so as to be visible to
3 an occupant of the vehicle.
- 1 12. (Previously Presented) The vehicle radar system of claim 6, wherein the side object
2 detection radar transceiver is portably mounted to a vehicle window so as to be visible to an
3 occupant of the vehicle.
- 1 13. (Previously Presented) The vehicle radar system of claim 2, wherein the radar display is
2 adapted to be mounted so as to be visible to an occupant of the vehicle in a rear view mirror of
3 the vehicle.
- 1 14. (Previously Presented) The vehicle radar system of claim 6, wherein the radar display is
2 adapted to be mounted so as to be visible to an occupant of the vehicle in a rear view mirror of
3 the vehicle.
- 1 15. (Previously Presented) The vehicle radar system of claim 1, wherein the side object
2 detection radar transceiver is adapted to detect objects in a predetermined detection zone to the
3 side of a vehicle, and not detect objects outside of the predetermined detection zone.
- 1 16. (Previously Presented) The vehicle radar system of claim 15, wherein the predetermined
2 detection zone to the side of the vehicle is associated with a vehicle blind spot.

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1 17 (Previously Presented) The vehicle radar system of claim 1, wherein the attachment means
2 comprises a bracket to couple the side object detection radar transceiver to an interior of a
3 vehicle window.

1 18. (Previously Presented) The vehicle radar system of claim 1, wherein the attachment means
2 comprises hook and loop fasteners to couple the side object detection radar transceiver to an
3 interior of a vehicle window.